MASTER

PT-380

ELECTRONIC MUSICAL INSTRUMENT
INSTRUMENTO MUSICAL ELECTRONICO

CASIO®

CASIO®

CASIO PT-380
ELECTRONIC MUSICAL INSTRUMENT

Thank you and congratulations on your purchase of the Casio PT-380. Your new keyboard features a melody guide system, which lets you learn how to play your favorite tunes by following LEDs that light above the keys to be played. The Any-key Play function lets you play melodies by tapping on any key in time with the rhythm. The tunes on a music ROM pack can be played with any of 100 preset tones. Functions such as sound effect pads, and standard accessory mini microphone will add much to your musical enjoyment.
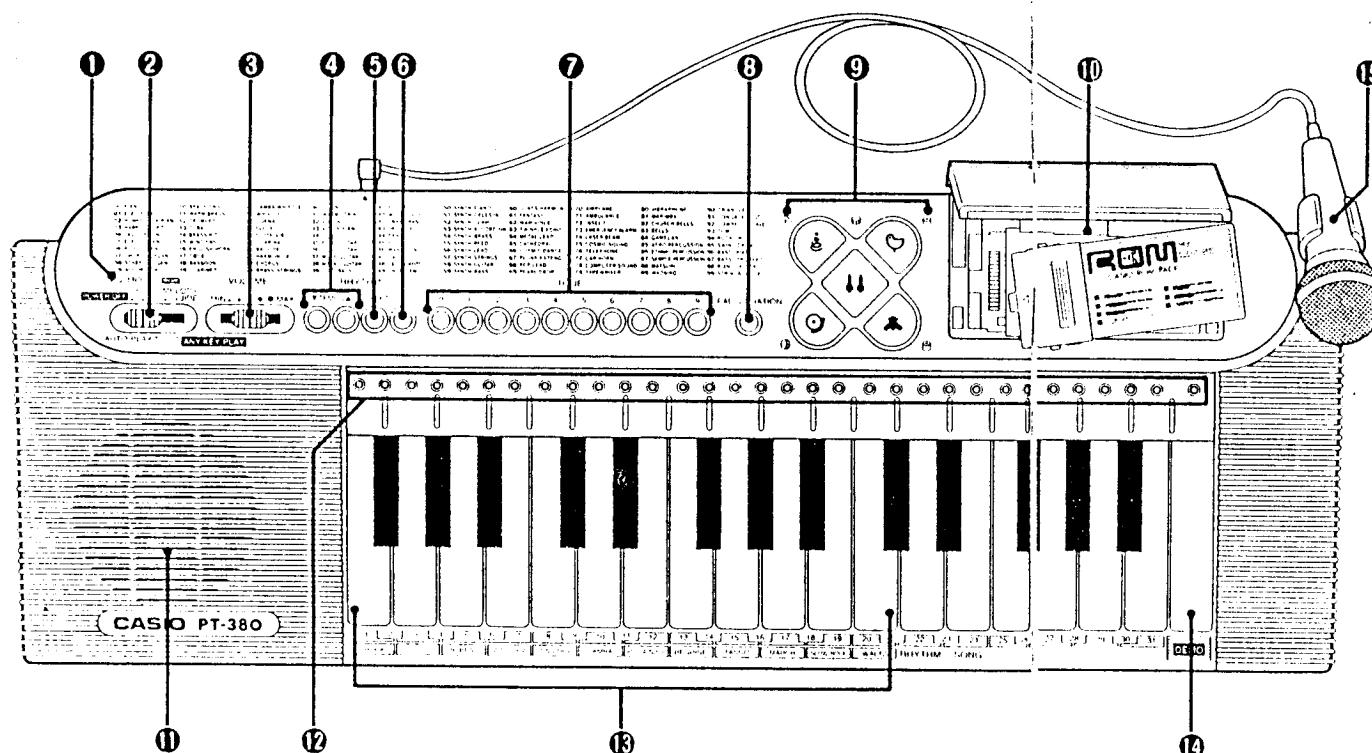
To obtain optimum performance and assure long-term reliability, be sure to read this manual carefully before using this keyboard.
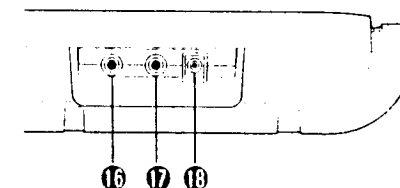
Contents

Features & Functions

(Back panel)

❶ Power indicator
❷ Mode selector
❸ Volume control
❹ Tempo control buttons
❺ Select button
❻ Stop button
❼ Tone select buttons
❽ Pad variation button
❾ Sound effect pads
❿ ROM pack compartment
⓫ Built-in speaker
⓬ Melody guide indicators
⓭ Rhythm select keys (White keyboard keys)
⓮ Demo key
⓯ Microphone

⓰ Microphone input jack
Connect the mini microphone supplied with the unit to sing along with ROM pack auto play.

⓱ Output jack
For connection of optional headphones, audio amplifier or keyboard amplifier. Connecting headphones automatically cuts speaker output.

⓲ AC adaptor jack
For connection of optional AC adaptor (AD-1) or car adaptor (CA-1).

Demonstration Tune

The PT-380 features 4 demonstration tunes.

1. Little Brown Jug
2. The Skaters' Waltz
3. Sonata "Pathetique"
4. When The Saints Go Marching In

To start demonstration
Set the mode selector **❷** to the "AUTO PLAY" position, press the Demo key **⓮**, and listen to the keyboard play.

• *The demonstration tune is played in an endless loop. Press the stop button* **❻** *to stop the tune.*

---

2 | Power Supply

This unit operates on both AC and DC power.

<DC Power>
● Dry batteries
This unit can be powered by five AA size (SUM-3/R6P) manganese dry cell batteries. Weakened batteries will result in lower volume or poor tonal quality. The power indicator lamp will gradually lose its brightness when battery power weakens. At this time, change batteries or shift to one of the alternate power sources mentioned below.

To replace batteries:
1) Open the battery compartment cover on the bottom of the unit and take out the used batteries.
2) Load new batteries taking care that the plus (+) and minus (–) poles are facing in the correct directions.
•*Refer to the specifications for standard battery life.*

PRECAUTIONS

Incorrectly using batteries can cause them to leak or burst, and may damage your product. Note the following precautions:
•Be sure that the plus (+) and minus (–) poles are facing in the correct directions.
•Do not mix battery types.
•Do not mix new batteries with old ones.
•Never leave dead batteries in the battery compartment.
•Remove batteries when not using the product for extended periods.
•The batteries supplied with the unit are not rechargeable.
•Do not expose batteries to direct heat, let them become shorted or try to take them apart.
(If a battery leaks, clean out the battery compartment of the product immediately, taking care to avoid letting the battery fluid come into direct contact with your skin.)
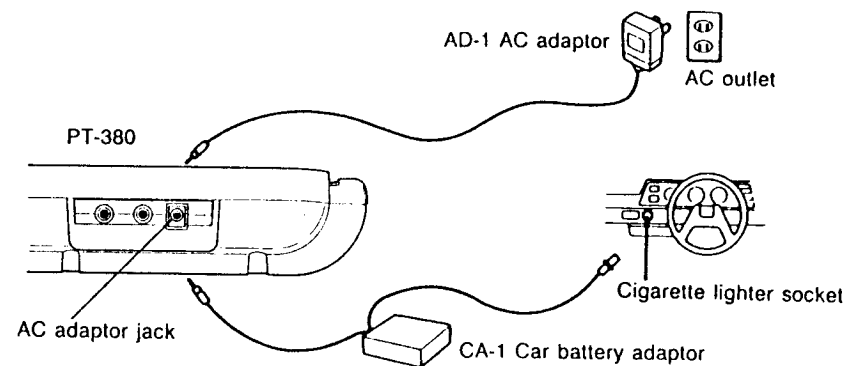
● Car battery
With the car battery adaptor (CA-1, optional), DC power is supplied from a car battery through the cigarette lighter socket.

<AC Power>
An AC adaptor (AD-1, optional) is required when using household current. Use only a genuine CASIO adaptor with the same voltage rating (100, 117, 220 or 240V) as the power supply in your area to prevent damage to internal components. Plug the AC adaptor into the AC outlet and the cord into the unit. This will automatically cut off the battery power supply.
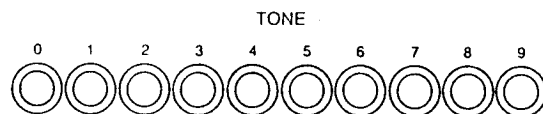

AD-1 AC adaptor
AC outlet
PT-380
Cigarette lighter socket
AC adaptor jack
CA-1 Car battery adaptor

CAUTION
•Use only genuine CASIO adaptors to avoid risk of damage.
•The adaptor may become warm when left connected to an AC outlet. This is normal, but the adaptor should be unplugged when not in use.

3 Preset Tones

There are 100 preset tones to choose from. Each tone has a 2-digit number. To select a preset tone, find its preset tone number on the keyboard's top panel, and enter the number using the tone select buttons.

- "PIANO" tone (No. 00) is selected automatically whenever you switch the power of the keyboard ON.

TONE

0 1 2 3 4 5 6 7 8 9

Example To select "PIPE ORGAN" (No. 06) after selecting "JAZZ GUITAR" (No. 36).

1) Set the **Mode selector** to the "PLAY" position. At this time the "PIANO" sound (No. 00) is selected automatically.

2) Press **Tone select buttons "3"** and then "6" to select "JAZZ GUITAR".

3) Press **Tone select button "0"** and then "6" to select "PIPE ORGAN".

Step	Press	Selected tone
1	MODE POWER OFF . PLAY MELODY . GUIDE AUTO PLAY . ANY-KEY PLAY	No. 00 PIANO
2	3 + 6	No. 36 JAZZ GUITAR
3	0 + 6	No. 06 PIPE ORGAN

- You can also change the selected tone by pressing only one tone select button. Note the following:
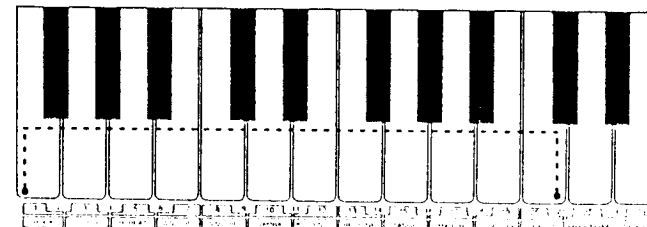
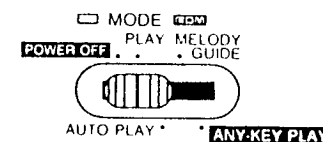| Selected tone	Press	Newly selected tone
No. 36	0	No. 60
No. 60	6	No. 06
No. 06	1	No. 61

NOTE
Some preset tones split the keyboard and assign two or four sounds to the keyboard. Then, the sound produced depends on what position of the keyboard you play. For example, BASS/PIANO puts BASS on the left and PIANO on the right of the keyboard.

4 Auto-rhythms

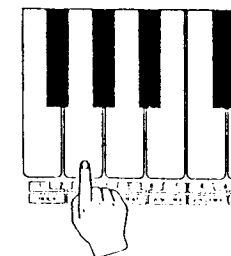The PT-380's auto-rhythm function features a total of 12 different rhythms.
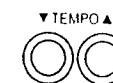
①Set the **Mode selector** to "PLAY".

MODE
POWER OFF . PLAY MELODY . GUIDE
AUTO PLAY . ANY-KEY PLAY

②Press the **Select button**.

SELECT

③Press one of the **white keyboard keys**. The auto-rhythm pattern labeled below the white key immediately starts to play.

④Adjust the tempo using the **Tempo control buttons**. Each press of ▲ speeds up the tempo, while pressing ▼ slows it down.

▼ TEMPO ▲
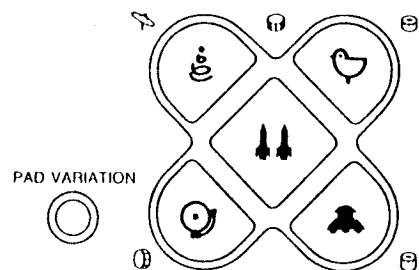
- You can set the tempo level to one of 26 steps.

⑤Play along with the selected rhythm pattern.

⑥Press the **Stop button** to stop the auto-rhythm.

STOP

5 Sound Effect Pads

The PT-380 features 5 sound effect pads that let you add unique fill-ins and accents to your performance. Preset sound effects can be triggered by simply tapping the pads with your finger(s). The sound can be switched to percussion sounds by pressing the pad variation button, giving you a total of 10 sound variations.
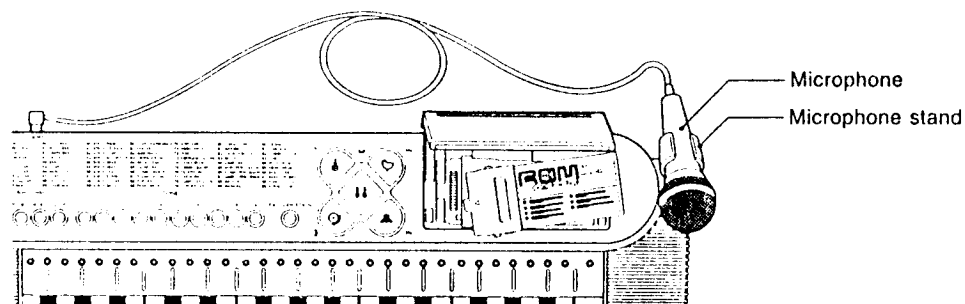
PAD VARIATION

Rhythm break function
Auto-rhythm will stop for 1 measure and only the sound effect will sound, if you tap on a sound effect pad while auto-rhythm is being played.

6 Using Microphone

Connect the supplied mini microphone to the microphone input jack, located on the rear panel of the unit. The microphone can be attached to the keyboard using the microphone stand that comes with the unit.

— Microphone
— Microphone stand

• To avoid howling caused by feedback, be sure to keep the mini microphone away from the built-in speaker.
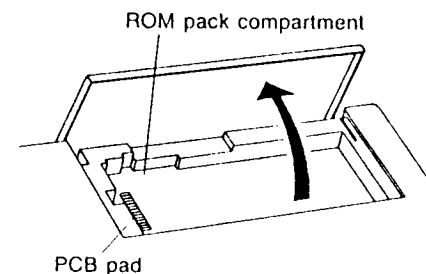• Use the unit's volume control to adjust the volume of the mini microphone.

7 ROM Pack Play

Casio's advanced ROM pack system not only provides full feature auto play of tunes, it's a great way to learn about music.
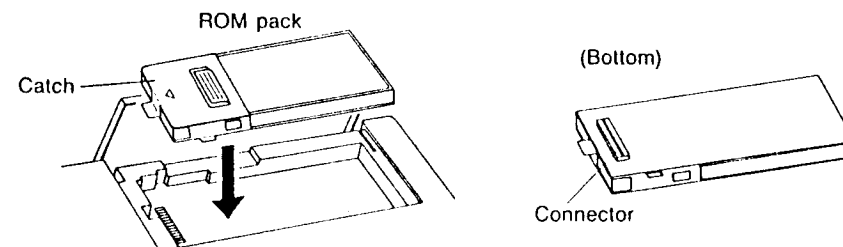This unit is not supplied with a ROM pack, but it features four built-in demonstration tunes. The Auto Play, Melody Guide, and Any-key Play function can be used with the demonstration tunes even if you do not have a ROM pack loaded in the unit.
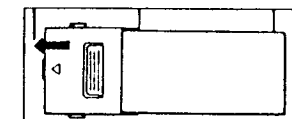
< To Load a ROM pack >
①Lift up the ROM pack compartment lid on the top panel of the unit.

ROM pack compartment

PCB pad

②Load the ROM pack into the compartment.
•*Place the ROM pack with its connector facing the PCB pad.*

ROM pack

(Bottom)

Catch

Connector

③Secure the ROM pack by sliding the catch as illustrated.

| CAUTION |

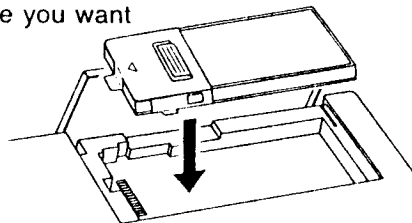•The internal circuitry of the ROM pack can be damaged by static electricity. Be sure to ground yourself by touching some metallic object, such as a door-knob prior to handling the ROM pack, to discharge any static electricity.
•Take good care of the connector part of the ROM pack and the PCB pad of the unit. They must be free from dust and dirt, so avoid touching them. Use a soft damp cloth to clean them.
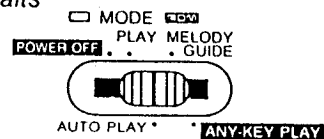
<Auto Play>

Auto play lets you listen to a selection included on the ROM pack.

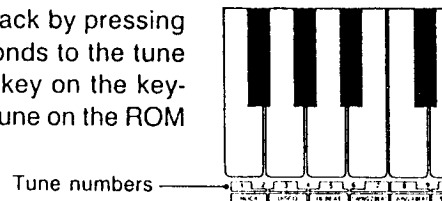(1) Load the ROM pack that contains the tune you want to hear.

(2) Set the **Mode selector** to the "AUTO PLAY" position.
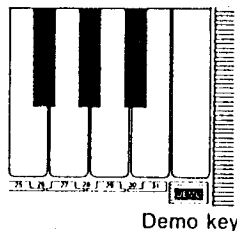* *The lit LED changes from left to right, and the unit waits for you to select a tune.*

(3) Select one of the tunes on the ROM pack by pressing the key on the keyboard that corresponds to the tune you want to play. Pressing any other key on the keyboard will automatically select the first tune on the ROM pack.

Tune numbers

(4) Press the **Stop button** to stop auto play.

STOP

* *All the ROM pack tunes are played successively, when you press the Demo key.*
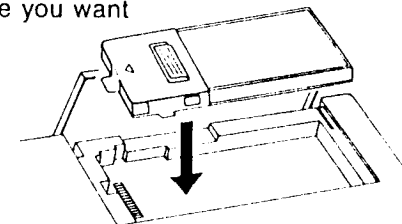
Demo key

* *Auto play starts after one measure of percussive sound counts.*
* *You can freely change the tone or tempo during auto play.*
* *You can play along using the sound effect pads during auto play. Auto-rhythm will stop for 1 measure when you tap on a sound effect pad (Rhythm break function).*
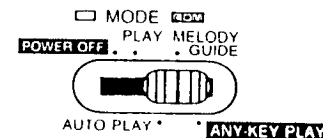
<Melody guide>

Melody guide helps you learn to play your favorite songs and progress right up to the point where you are able to play songs without assistance.

(1) Load the ROM pack that contains the tune you want to play.

(2) Set the **Mode selector** to the "MELODY GUIDE" position.

(3) Select one of the tunes on the ROM pack by pressing the key on the keyboard that corresponds to the tune you want to play.
* *An LED lights above the key to be played and the unit waits until you press the proper key on the keyboard.*

NOTE
* Some tunes have introductions and some do not. It is a good idea to become familiar with a song by listening to auto play before attempting melody guide play.
* Press the key indicated by the LED. Keep pressing the key until the LED goes off.
* A blinking LED will indicate the next key to be pressed. Do not press the key until the LED stops blinking.

(4) Press the **Stop button** to stop melody guide and select another tune.

STOP

< Any-key play >

When any-key play is selected, the unit plays a note of the tune, no matter which keyboard key you press. Any-key play helps you get the feeling of the melody you want to master, before trying to play the correct key using the melody guide function.

1 Load the ROM pack that contains the tune you want to play.

2 Set the **Mode selector** to the "ANY-KEY PLAY" position.

☐ MODE 💿
PLAY MELODY
POWER OFF . . . GUIDE
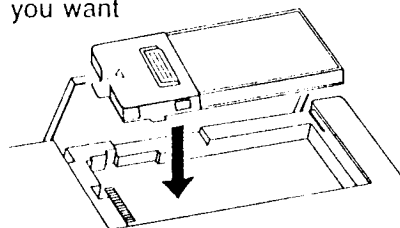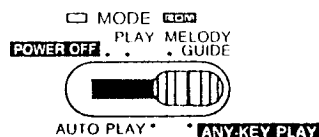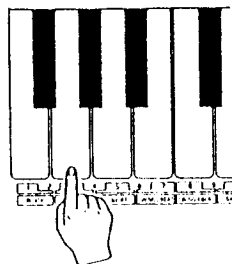
AUTO PLAY · · ANY-KEY PLAY

3 Select one of the tune on the ROM pack by pressing the key on the keyboard that corresponds to the tune you want to play. An LED lights above the key to be played and the unit waits until you press a key on the keyboard. You need not worry about pressing the correct key. Just concentrate on the timing and tempo. The unit automatically plays the proper note as you press any key on the keyboard.

• *The melody performance stops automatically when the end of the tune is reached. But if you want to stop along the way, press the Stop button.*

---

8 | Care of Your Unit

① **Avoid heat, humidity or direct sunlight.**
Do not overexpose the unit to direct sunlight, or place near an air conditioner, or in any extremely hot place.

② **Take care not to drop the unit and avoid strong impact.**
Strong impact may cause malfunctions. When carrying or transporting the unit, protect the keyboard and switches with soft cloth or other material.

③ **Keep the unit free of liquids, dust, etc.**
Do not allow foreign matter to get between the keys, especially metallic objects such as hairpins, sewing needles or coins. Also, do not let the unit get wet.

④ **Never attempt to modify any parts of the unit.**
The unit is a precision instrument, made of electronic parts. Any modification of, or tampering with inner parts may cause malfunction.

⑤ **Do not use lacquer thinner or similar chemicals for cleaning.**
Clean the keyboard with a soft cloth dampened in a weak solution of water and a neutral detergent. (Soak the cloth in the solution and squeeze until it is almost dry.)

-9 Specifications

•**Number of keys:** 32 (mini)

•**Polyphony:** 6-note (maximum)

•**Preset tones:** 100

•**Auto-rhythms:** 12; ROCK, DISCO, 16 BEAT, SWING 2 BEAT, SWING 4 BEAT, SAMBA, BOSSA NOVA, BEGUINE, TANGO, MARCH, SLOW ROCK, WALTZ

•**Built-in speaker:** 8 cm dia.(output = 1.0W)

•**Built-in pads:** 5 sound effect pads with variation button

•**ROM pack play:** Auto play, Melody guide, Any-key play

•**Terminals:** Output jack [output impedance: 100Ω, output voltage: 1.0V(RMS) MAX], AC adaptor jack (DC 7.5V), Mic. input jack [input impedance = 10KΩ, sensitivity = 4mV]

•**Demonstration tunes:** 1. Little Brown Jug
2. The Skaters' Waltz
3. Sonata "Pathetique"
4. When The Saints Go Marching In

•**Power source:** 3-way AC/DC power sources;
AC: 100, 117, 220 or 240V (±10V), 50/60 Hz, with optional AC adaptor AD-1 AC adaptor.
DC: 5 AA size (SUM-3/R6P) manganese dry batteries.
*Battery life: approx. 8 hours.
Car battery: Requires optional CA-1 car adaptor

•**Power consumption:** 2.5W

•**Dimensions(W × D × H):** 521 × 184 × 59 mm (20½″ × 7¼″ × 2⅚₁₆″)

•**Weight:** 1.2kg (2.6lbs)

•**Standard accessory:** Mini microphone (output impedance = 400Ω), microphone stand and test batteries

*Design and specifications are subject to change without notice.

GUIDELINES LAID DOWN BY FCC RULES FOR USE OF THE UNIT IN THE U.S.A. (not applicable to other areas).

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

..... reorient the receiving antenna
..... relocate the equipment with respect to the receiver
..... move the equipment away from the receiver
..... plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the US Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

CASIO PT-380

INSTRUMENTO MUSICAL ELECTRONICO

Muchas gracias y felicitaciones por la compra del Casio PT-380. Su nuevo teclado presenta un sistema de guía de melodía, que le permite aprender a tocar sus melodías favoritas siguiendo los diodos LED que se iluminan sobre las teclas que tiene que pulsar. La función de ejecución por "cualquier tecla" le permite ejecutar las melodías pulsando cualquier tecla en sincronismo con el ritmo. Las melodías de los módulos ROM pueden reproducirse con cualquiera de los 100 sonidos programados. Funciones tales como pulsadores de efectos de sonido, y minimicrófono como accesorio estándar brindarán mucho a su diversión musical.

Para obtener un óptimo rendimiento y asegurar una confiabilidad por un largo tiempo, cerciórese de leer cuidadosamente este manual antes de usar el teclado.

Indice